

## PATENTS ABSTRACTS OF JAPAN

E-910 March 29, 1990 Vol. 14/No. 163

~~(54) THIN BATTERY~~

(11) 2-21557 (A)

(43) 24.1.1990 (19) JP

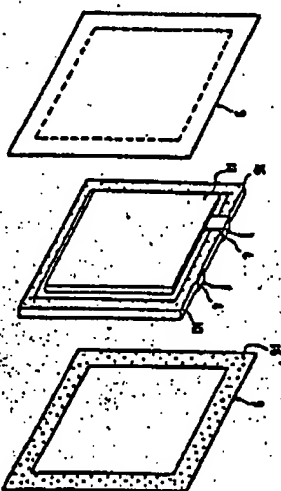
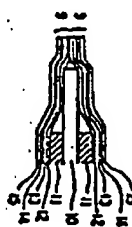
(21) Appl. No. 63-170843 (22) 11.7.1988

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(51) Int. Cl. H01M2/02, H01M2/08

**PURPOSE:** To prevent the capacity change of a battery even if bending stress is applied by fixing parts of power generating elements with a frame made of a plastic sheet and bonding the periphery of the frame to parts of outer jackets through connecting layers in airtightness.

**CONSTITUTION:** Power generating elements 11 are bonded to a plastic frame 10 having a hot-melt adhesive layer 16. The power generating elements 11 and the plastic frame 10 are interposed between a pair of outer jackets 9, 9 each of which has a hot-melt layer 16, and melt-bonded with peripheral hot-melt adhesive layers 16 in airtightness. The outer jacket is the stack comprising a polypropylene hot-melt adhesive layer 12, a nylon layer 13, an aluminium layer 14, and a polyester layer 15, and two outer jackets are bonded through the hot-melt adhesive layers 12. The capacity change of a battery is prevented even if bending stress is applied.



## LEGENDE zu den Bibliographiedaten

(54) Titel der Patentanmeldung  
(11) Nummer der JP-A2 Veröffentlichung  
(21) Aktenzeichen der JP-Anmeldung  
(43) Veröffentlichungszeitpunkt

(22) Anmeldedatum in Japan  
(71) Anmelder  
(72) Erfinder  
(52) Japanische Patentklassifikation  
(51) Internationale Patentklassifikation